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*The Fortnightly*

**REVIEW**

OF THE  
CHICAGO DENTAL SOCIETY

JULY 1, 1951

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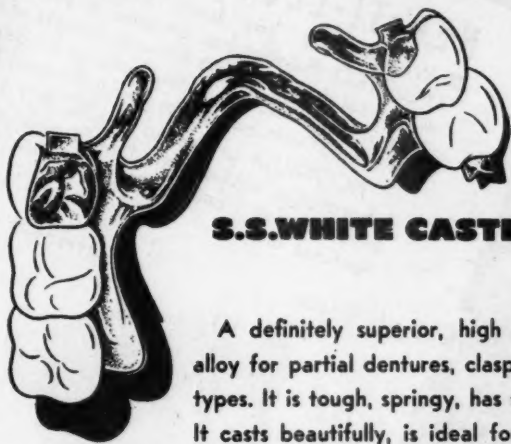
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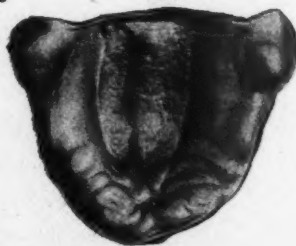
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# *The Fortnightly* **REVIEW** **OF THE CHICAGO DENTAL SOCIETY**

*Number 1*  
*July 1, 1951*  
*Volume 22*

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Manuscripts and news items of interest to the membership of the Society are solicited.

Forms close on the first and fifteenth of each month. The early submission of material will insure more consideration for publication.

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# A.D.A. Meeting—Washington, D. C.

The 92nd Annual Session of the A.D.A. will be held October 15th to 18th in the Nation's Capital. Dr. David J. Fitzgibbon, chairman of the committee on local arrangements, reports an advance reservation by members and their families indicative of a turnout that will surpass 15,000. The official headquarter hotels will be the Statler and Mayflower. Sessions of the Board of Trustees and the House of Delegates will be held at the Statler. A total of 34 of the leading hotels are cooperating with the A.D.A. to make it possible for all convention visitors to be adequately housed. The Journal of the A.D.A. contains the official application form, which when mailed to Washington, D.C. will secure hotel reservations.

## COLOR TV FOR SURGERY

Scientific sessions will be held at the National Guard Armory which covers 25,000 square feet of floor space and will also house more than 200 commercial exhibits. Color television will be one of the new features of the meeting. The programs will be shown on 10 receiving sets at six sessions. Leading dental specialists will demonstrate actual surgical operations, and the telecast will originate from the Mount Alto V.A. Hospital six miles away. E. R. Squibb will be the sponsor and Remington Rand, Inc. will handle the telecasting apparatus. In addition to the television clinics there will be over 80 essayists at 11 scientific sections, 200 table clinics, 50 scientific exhibits, and a continuous program of scientific films.

## FAMILY ENTERTAINMENT

An extensive program of entertainment has been planned for the wives and families of convention participants. There will be opportunities to see the heart of the nation's government, some of its historic shrines; Rock Creek Park—containing the world's most notable zoological gardens—the Tomb of the Unknown Soldier at Arlington National Cemetery, and at Mount Vernon on the Potomac, the final resting place of George and Martha Washington.

## ASSOCIATED GROUP HOTEL ASSIGNMENTS A.D.A. MEETING

### Statler:

American Association of Dental Editors

### Mayflower:

American Academy of Periodontology  
American College of Dentists

### Hay-Adams:

American Association Public Health Dentists

### Washington:

American Association of Dental Examiners  
American Dental Hygienists Association  
Xi Psi Phi Fraternity

### Wardman Park:

American Dental Assistants Association  
American Society of Oral Surgeons

### Shoreham:

American Denture Society  
International College of Dentists  
Alpha Omega Fraternity  
Delta Sigma Delta Fraternity

### Willard:

American Society of Dentistry for Children

### Lafayette:

Association of American Women Dentists

### Carlton:

Psi Omega Fraternity

### Twenty-Four Hundred:

National Association of Seventh Day Adventist Dentists

# *The Fortnightly* **REVIEW** *of*

**THE CHICAGO DENTAL SOCIETY**

*July 1, 1951*

*Volume 22 • Number 1*

## **President's Address\***

By Edwin W. Baumann

**D**r. Brett, fellow officers, Board of Directors, members of the Chicago Dental Society and guests: This is the greatest honor that has ever come to me. It is my intention to do everything in my power to deserve this great honor and to maintain our Society at the high level of professional prominence to which our past officers, by their hard work and devotion to duty, have advanced it.

The 3,500 dentists throughout Cook, Lake and DuPage counties who make up the Chicago Dental Society have built it into one of the world's great scientific organizations. Our Midwinter Meeting is acknowledged by everyone to be unequalled in its field of scientific gatherings.

I will endeavor to maintain this notable standard of excellence and, whenever possible, strive to better the position of organized dentistry in this area.

In spite of all our past efforts we have with us today certain problems—irksome, time-consuming, expensive problems that we must do our utmost to combat and solve. Foremost among these is the task of properly enforcing the Dental Practice Act. Next is the current unrest in the dental laboratory field. One of our most important problems in public relations is the handling of patient grievances at the

Society level. And we have always with us the threat of socialized dentistry. These and all of the other problems that will arise during the year will receive our very best thought and effort in attempting to prevail against them. These matters are the concern of everyone in the Society—not alone mine or the officers—and I will welcome the suggestions and criticisms of the members if they are sound and constructive.

The greatest service our Society renders its members is, at the same time, the greatest service it renders our community. Through our program of dental health education, through the press releases, radio broadcasts and television programs of the Midwinter Meeting, through our industrial diagnostic service and through our whole public relations program, we continually educate the public and expand its desire for proper dental care. While we are certainly not doing this for private or personal gain, our individual members thrive just as surely as dentistry in Chicago grows.

The greatest desire I have for this year, my personal ambition, I might say, is to further cement the unity and understanding that is growing between the elements of our profession. We need the general practitioner, we need the specialist, we need those who work for the wealthy, and

\*Presented at the regular meeting of the Chicago Dental Society, May 15, 1951.

(Continued on page 26)



# Special Meeting of the Chicago Dental Society

May 4, 1951

Stevens Hotel

The meeting was called to order at 8:15 p.m. with Dr. Brett presiding. Dr. Brett opened the meeting with a résumé of the current situation in the dental laboratory industry in the city. Dr. Walter E. Dundon presented the report to the membership of the Dental Prosthetic Service Committee of which he is Chairman. He was followed by Dr. Frank Farrell who presented the findings of the informal group that has been investigating the laboratory situation. He was followed by Dr. Glenn Cartwright, Dr. Robert Humphrey, Dr. Foster Robeson, Dr. Isaac Pomerance, Dr. Ralph Rawson and others followed by discussion from the floor.

Dr. Humphrey asked that the official policy adopted by the Board of Directors relative to the laboratory situation be stated. Dr. Ebert then read the statements from the minutes of the April 17 meeting as follows:

The policy of the Board of Directors of the Chicago Dental Society toward the matter of unionization of the dental laboratory industry is that while it feels that it is not proper for the Society to enter into or take sides in any controversy between the owners or laboratory owners and the dental technicians employed in the laboratories it does regret and deplore the manner by which the wholesale unionization of the laboratories

was brought about by mass capitulation to a master contract aided and abetted by the officers of the laboratory association and

Further, if any individual, or group of individuals, unionized or not, undertakes to interfere with any dentist meeting his obligation to the public the Chicago Dental Society will make it its duty to seek redress in any court in the land.

Dr. Humphrey then moved and Dr. Farrell seconded that the body present support the resolutions of the Board as read. After a discussion the motion was withdrawn by Drs. Humphrey and Farrell in favor of a motion by Dr. Harold W. Oppice and severally seconded that:

The present body give a vote of confidence in the Board of Directors and the officers in their stand taken in the statements read above.

This motion was passed unanimously and the confidence thus voted.

Dr. Oppice then moved and Dr. Humphrey seconded that the above statement of policy be presented to the Society in the form of a resolution pursuant to adoption by the Society provided no legal reason existed preventing such adoption. Motion carried.

The meeting adjourned at 11:00 p.m.

Respectfully submitted,  
*Elmer Ebert, Secretary*

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## "What's New in '52?"

Chicago Dental Society Midwinter Meeting

Feb. 4 through 7

# EDITORIAL

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## THANK YOU

Sincere appreciation and a grave sense of responsibilities are assumed in the change of editorial leadership of the FORTNIGHTLY REVIEW. The successful existence of any publication depends upon a cooperative staff, with the editor being only one of its many members. We are most fortunate to have such a staff.

The first man to fly did a better job than any other man had done because of a lack of comparison. The longer men fly, the more critical are his observers.

The FORTNIGHTLY REVIEW, since its inception in 1941, has been most ably guided by Harold Hillenbrand, Bob Kesel, and Jim Keith. It is hoped that the immediate future will reflect their counsel and guidance. The entire staff wishes to thank the retiring editor, Jim Keith, and extends their very best to him as President-Elect of the Chicago Dental Society.

## THEY ALSO SERVE

At this time of year, we in the profession of dentistry are again fortunate in having our ranks swelled with new, enthusiastic, hopeful, and able-minded graduates. They look to us for guidance and advice in the business of our profession. We should reciprocate by seeking to gain a bit of their recent experiences with the Basic Sciences. Mutual cooperation and respect constitute a better relationship than one of inferiority or superiority.

The majority of the recent graduates are married men. Some are also new at this endeavor; while others have had the benefit of the often referred to domestic tranquillity throughout their four years in dental school. The "dental widow" has not had an easy time. Many of them were the breadwinners throughout each school year. That in itself is a big job—to say nothing of their having to pamper, feed, console and "sweat-out" every examination or clinical problem with the "old man." She too has learned of the important part her husband is to assume in the lives of his fellow men. The problem of raising a child in a home cluttered with odorous gowns from the dissecting room, jars of extracted teeth, plaster models, previous examination questions, and group bull sessions required the courage of a Joan of Arc, the patience of Job, and the serenity of "Whistler's Mother." A dental school widow can probably give thanks that these experiences, shared with her—trying though they might have been—helped in an immeasurable way to make "Pa" assume an important sense of responsibility early in his career.

The profession should take cognizance also of another often mal-treated and unsung hero—the dental school teacher. It is he who also helped us swell our ranks with these new fellow practitioners. Most teachers are really not bad at heart, even though we all may remember one or two who gave us just cause to contest that statement. Dental school teachers are just unfortunate in not being able to confine all of their efforts toward justifying an existence in a small four-walled domain, with exorbitant rent, laundry bills, a medicinal stench, and a reception room containing personnel who marvel at the practitioner's ability to remain sane and avoid "giving up the ghost" during his daily strenuous routine.

It is hardly necessary to mention the glee with which the new graduate is greeted by the Dental Manufacturer, even though Uncle Sam—in a great many instances—has "jumped the gun" with his priority "greeting." In any event, it is sufficient to say that organized dentistry is grateful to the wives and teachers for preparing and presenting these most welcome fellow practitioners.

# The Analysis and Treatment of Class II Malocclusions\*

By Louis Braun, D.D.S., Detroit, Michigan

**[Editor's Note:** *Dr. Braun is a special lecturer in orthodontics at the University of Detroit School of Dentistry and assistant director in postgraduate extension courses in orthodontics at the same school. He was graduated from the University of Michigan in 1920 and took his orthodontic training at the Dewey School of Orthodontia, University of Michigan, and Columbia University. He is past-president of the Detroit District Dental Society and a member of the American Association of Orthodontists and is certified by the American Board of Orthodontics. He is in great demand as essayist and clinician and has contributed liberally to the literature.*]

The topic that has been assigned to me is one of the oldest and most controversial subjects that has plagued the profession ever since its inception as a specialty.



Anderson<sup>1</sup> wrote in his text, "Owing to the extreme facial deformity present in distoclusion with protruding maxillary anterior teeth, or Class II Division 1, the literature on orthodontia is full of such cases and their different plans of treatment. In

fact, the advancement of orthodontia may be traced by the advancement of the technic in the treatment of this type of malocclusion."

Much of the controversy is due to lack of scientific evidence to prove or disprove the various hypotheses or philosophies of treatment. Moreover, the mechanics involved, or more specifically, the types of

appliances used in treatment, have aided and abetted the many schools of thought in adhering to certain principles and methods of treatment.

As recently as 1942, when the American Association of Orthodontists held its first Pan-American Orthodontic Congress at New Orleans, an important part of the program was devoted to a symposium on "The Analysis and Treatment of Class II Division I Malocclusions." Papers were read by five leading orthodontists, all associated with schools of dentistry in various sections of the country. In summation of this event, it may be stated that the opinions expressed, methods of treatment and appliances used, equaled that of the number of essayists who had participated. The reported results made it apparent that the diversified opinions were due to lack of unanimity in thought relative to the objectives of orthodontic therapy, its potentialities and its limitations.

This brings forth the query, how can it be otherwise as long as there is no absolute standard for the so-called normal, or an accepted facial pattern that will satisfy the entire profession as a goal to be sought in the treatment of dento-facial anomalies. Of greater importance, is the question, can we have such a standard though there be many schools of thought relative to the applied mechanics or the instruments required to attain the same objectives? To better understand the topic of the day, let us look back to the beginning of this century when orthodontics became a dental specialty, then bring us up-to-date and discuss a modern concept of the subject.

## NORMAL OCCLUSION

Dr. Angle, the father of modern orthodontics, tried to unscramble the chaos of his day, by giving a comprehensive defini-

\*Presented at the Midwinter Meeting of the Chicago Dental Society, February, 1950.

tion of normal occlusion, a simple classification of malocclusion based on the grouping of certain characteristic conditions, and finally, a system of mechanical therapy based upon the knowledge of his time and his own hypotheses, but limited by the material and instruments at hand.

Angle<sup>2</sup> recognized the value of a goal in orthodontic treatment, when he wrote in his 1907 edition, "The mouth is a most potent factor in making or marring the beauty and character of the face, and the form and beauty of the mouth largely depend on the occlusal relations of the teeth. In order that our efforts may be intelligently directed toward the ideal, some rule, some principle must guide us. That rule is that the best balance, the best harmony, the best proportions of the mouth in its relation to the other features, require that there shall be the full complement of the teeth, and that each tooth shall be made to occupy its normal position—normal occlusion."

No doubt Angle had a mental picture of an ideal face, for he referred to that of the statue of Apollo Belvedere, the accepted standard of facial beauty of that era. He also visualized a normal position for the teeth, for when he was unable to position them where he thought that they should be, he ascribed the failure to the inadequacy of his appliances to attain certain desired movements. His inventive mind then devised new ones for greater mechanical efficiency. Other inventive minds were also at work, and soon orthodontics developed into a melee of competitive appliances.

Angle's broad definition of normal occlusion was soon forgotten, and the following statement from his 7th edition was remembered, "We will define occlusion as being the normal relations of the occlusal inclined planes of the teeth when the jaws are closed. Malocclusion of the teeth is but the perversion of their normal relations." Facial harmony and balance, as pointed out by Angle, were overlooked, and his classification of malocclusion soon concentrated on the mesiodistal relation of the buccal teeth.

Treatment, based upon such rationale,

received further support from another statement found in Angle's 7th edition, "Probably Nature never makes the truly ideally perfect type in every particular, yet these variations are but natural and doubtless in perfect keeping with the distinctive individual type. It seems to the author that the best that the orthodontist can do is to secure normal relations of the teeth and correct general form of the arch, leaving the finer adjustment of individual typical form to be worked out by Nature through her forces which must, in any event, finally triumph."

#### CASE'S VIEWS

One man of that period who took strong exception to the orthodontic trend, was Dr. Calvin Case. In his book, published in 1921, Case<sup>3</sup> stated, "The Angle classification does not recognize those wide differences in the character of certain malocclusions which have the same distomesial occlusion of the buccal teeth. It will be found by a careful study of malocclusions that these differences in dento-facial characters, and demands of treatment within each class, are fully as great and quite as important in orthodontia as the differences which arise between one class and another."

Since a large majority of orthodontists had already adopted the three distinct occlusions of the buccal teeth, as the classification of malocclusions, that is, normal, distal and mesial, Case added another part to this classification based upon general dento-facial relations. He stated that it was his desire to free it from the mechanical and mathematical trend toward which the science seemed to be drifting, and to induce a deeper consideration and study of facial art and beauty as important factors of diagnosis and treatment. He continues, "The true basis of diagnosis and treatment is dependent very largely upon the facial outlines in relation to the standard of esthetic perfection for the individual, because it is not otherwise possible as a guide to treatment, to determine whether the dentures,



one or both, are really protruded or re-truded."

It is about thirty years since Case wrote the following paragraph which has again been emphasized in recent years. It is this, "One of the most dangerous features of the Angle classification, as formerly set forth, and one which, strange to say, has tended to popularize it in the minds of orthodontists, is the universally applied teaching, that when dentures are placed in normal occlusion, the facial outlines will take care of themselves: and, therefore, the highest possible orthodontic attainment for that individual is accomplished. If this were true, as is believed by many, it would simplify the whole practice of orthodontia, because in theory, it eradicates the necessity of a deep comprehension of dento-facial art, and many other important principles which are so difficult for orthodontists to understand." Case died a few years after his book was published, and in spite of its comprehensive and modern concepts, it did not receive the popularity which it deserved.

#### CEPHALOMETRIC MEASUREMENTS

The relation of the teeth to cranial anatomy was again brought to the attention of the profession by Dr. Paul Simon<sup>4</sup> of Berlin, about the year 1924. He said, "The teeth are not studied and measured in relation to themselves, but in relation to the head or the skull." Simon used cephalometric measurements, in conjunction with gnathostatic models and photostatic pictures, to supply the basic principles of this method of case analysis. Lischer translated Simon's work and taught his technic. It started to make an impression upon the profession until Broadbent and Hellman pointed out that Simon's canine law could not be used as a standard of accuracy for dento-facial analysis.

The search for a dependable "yardstick" to be used in orthodontic diagnosis "marches on." Hellman, who facetiously called himself an anthropologist by choice and an orthodontist by necessity, used

anthropometric measurements of cases that he considered normals, and produced a polygon that showed the limits of normal variation from this approach.

Broadbent developed a technic for taking systematized cephalometric roentgenograms, and, through the Bolton Foundation, has used this method for serial studies of growth and development of the head. From these studies, he has established a mean facial pattern for the normal. Brodie has also shown the normal growth pattern by similar studies. More recently, Downs, has used this method to determine the range of the facial and dental patterns in order to establish a normal mean.

The artists have their own criteria for facial balance. Dr. Maliniac,<sup>5</sup> a New York plastic surgeon, wrote, "In the occidental world, the prevailing standard for artistic facial anatomy is based on what is commonly referred to as the Schadow canon, a set of proportions formulated by the sculptor Schadow. According to this canon, the face is divided horizontally from eyebrow to chin into six equal parts, three of which are occupied by the nose, one by the upper lip and two by the lower lip and chin. The profile angle formed by the nasal dorsum and the forehead-to-chin line is one of the important considerations. From an ideal point of view, the measurement of this angle should be about 30 degrees, but may diverge within 5 degrees in either direction and still keep within the accepted normal range. Hence, the position of the chin must always be taken into account in measuring the profile angle."

In his paper entitled, *The Recessed Chin*, Dr. Maliniac<sup>5</sup> wrote, "Microgenia, the most common of chin deformities, is frequently found coexistent with faulty dental occlusions, especially where orthodontic treatment has been neglected and even in cases where orthodontics has been faithfully carried out, some degree of underdevelopment may still be present. Inter-relationship between malocclusion and a malformed chin cannot be too strongly emphasized, for the slightest

disturbance in dental articulation may bring about some flaw in facial contour."

Perhaps Case<sup>3</sup> had those principles in mind when he wrote, "We must realize that the growth and development of dental orthopedia has carried it beyond the mere mechanical correction of irregularities of the teeth, their malrelations to each other and to occlusion, and has placed it in a position where facial art is one of the indispensable bases of treatment."

#### SPECIAL RESEARCH

These thoughts were reiterated in the last decade when the profession was again aroused from its complacency wherein one malocclusion was exchanged for another. This "shot in the arm," if you please, has not only changed orthodontic thinking and practice but has instigated special research and study. I refer to the work of Dr. Charles H. Tweed, a clinical orthodontist of outstanding ability, with an analytical mind, high integrity, and a strong will to carry out the convictions of his thoughts. These qualifications, plus the quantity and quality of his factual evidence, soon convinced many receptive minds that the old adage, "the proof of the pudding is in the eating," may also apply to orthodontics.

While taking inventory of his completed cases, that were out of retention, Tweed was shocked to learn that the majority of his cases were not successful. The base bones did not grow or develop through function. Expanded dental arches collapsed, in most instances, while in other cases, there was considerable loss of alveolar bone. Probably the greatest blow was the fact that too many of the faces looked far worse than before treatment. Something had to be done.

A study of his successful cases, and the examination of untreated persons who had excellent dentitions with facial balance and harmony, revealed that the mandibular incisors were upright in relation to their bony bases. Slight variations in the axial positions of the incisors did exist in various types of faces, and, for lack of scientific data, he took an average,

in order to establish a range for the norm. The optimum had their incisors perpendicular to their bases, and he termed this the zero position; the average lingual position was called minus five; the average labial inclination was called the plus five position.

#### SUCCESSFUL TREATMENT

From this study, Tweed<sup>6</sup> postulated the following, "It is my conviction that in the successful treatment of all Class I, Class II and Bimaxillary protrusion types of malocclusion, the mandibular incisor teeth must be correctly positioned on basal bone to be in functional mechanical balance, and that this position is the normal one for these teeth and the most accurate guide available to the orthodontist in the scientific treatment of malocclusion."

Margolis<sup>7</sup> was among the first to make cephalometric x-ray studies of the incisomandibular plane angle, and wrote the following conclusions, "The writer believes that, for the vast majority of white children treated by orthodontists, the best results are obtained when the mandibular incisors are "vertical" and form a right angle with the mandibular plane. Nevertheless, clinicians will necessarily vary their treatment in accordance with their own concept of type and harmony, as well as with their capacity."

Similar average values for the relationship between mandibular incisor axis and the tangent to the lower border of the mandible were established by Speidel and Stoner, Brodie, Broadbent and by Noyes, Rushing and Sims.

Tweed<sup>6</sup> concluded, "We must first establish a normal relation of the mandibular teeth to the mandibular base and keep that relation throughout treatment, and in every instance where there is failure to position the mandibular incisors correctly, something is lost in the balance and harmony of facial esthetics, and there is a failure to produce permanence of results."

Tweed<sup>6</sup> also had a concept of a facial ideal, "an indelible image of a face,

the features of which, encompassed a composite of all of the fundamental qualities of normality." He said, "A concept of the normal is an indispensable part of the orthodontist's equipment. Without it, he does not know where or when to begin or end his treatment, but proceeds blindly, hoping that favorable growth factors and inanimate metals will come to his rescue."

#### THE PROFILOGRAPH

Although photographs are valuable to the clinical orthodontist, the profilograph offers a great deal more data for orthodontic diagnosis and analysis, because it not only shows the soft tissue detail, but shows the relation of the teeth to base bone, and the relation of the base bone to cranial anatomy.

Tweed was cognizant of three facial types with normal dentitions when he established the normal range of minus five to plus five for the mandibular incisor teeth. We now think of the three types of faces as being straight, convex and concave. As in all forms of nature, we also find combining forms of these facial types. Thus we have two different meanings of normal; one which refers to the group, the typical, or species normal, and is largely a morphologic standard; the other, which deals with the individual and is a physiologic standard.

With these thoughts in mind, Tweed evolved a rationale of orthodontic treatment which had for its objectives, not only the establishment of correct relationship of the inclined planes of opposing teeth and the development of good arch form, but also, the orientation of the dentition with relation to the face and cranium.

His general plan of treatment is divided into three steps:

Step one—Anchorage preparation in the mandibular arch.

Step two—En masse movement to correct jaw relationship.

Step three—Detailed tooth positioning preparatory to retention.

Time does not permit a detailed dis-

cussion of the three phases of treatment, so a few brief statements must suffice for the present. Anchorage preparation in the mandibular arch means the correct positioning of all of the mandibular teeth over base bone, with a slight distal axial inclination of the buccal teeth including the canines, and a slight lingual axial inclination and depression of the incisors, for the purpose of gaining a mechanical advantage for the next step in treatment. En masse movement to correct jaw relationship, refers to the correct positioning of the maxillary teeth over base bone, harmonizing jaw relationship to each other and to cranial anatomy. The third step refers to the Curve of Spee, the interdigitation of the cusps and inclined planes of the opposing teeth, and the artistic arrangement of the incisors, in preparation for retention.

#### ANCHORAGE PREPARATION

In Class II cases, the anchorage preparation in the mandibular arch should be accentuated, if possible, and maintained throughout treatment, because the Class II intermaxillary elastics are generally used for a longer period, in this type of malocclusion, during the second stage of treatment when the correction of jaw relationship is of prime importance, if facial harmony and balance is to be attained. The length of time for this step in treatment may vary by several months. The reason for this variation may have been answered by Dr. John R. Thompson,<sup>8</sup> from his studies of the movements of the condyles in the functional analysis of malocclusions. He said, "The displacement that occurs in a large percentage of cases of this type of malocclusion (Class II), probably explains the difference in clinical response that has always been observed by practicing orthodontists, and often attributed to growth, types of appliances and particular methods of treatment. Certainly, the true Class II malocclusion (normal path of closure from rest position to occlusion) will not respond as rapidly as one that exhibits a considerable amount of displacement."



Just what takes place in the correction of the true Class II cases, has not yet been answered by orthodontic research. In clinical practice, it appears that a change of the environmental influence affords an opportunity for the optimum of growth and developmental factors to take place. This hypothesis receives support from Sicher's<sup>9</sup> statement: "The harmony of the genetic pattern can be broken by environmental factors. What can be observed in an individual is not the genotype, it is not the effect of a genetic pattern, but a genetic pattern plus the factors which have stimulated its evolution, and minus the factors which have inhibited it."

As clinical orthodontists, we must endeavor to establish denture balance and facial harmony within the limits of the patient's type and capacity. We must, therefore, check our second stage of treatment for stability of jaw relationship and facial balance, before our final positioning of the teeth in preparation for retention.

The encouraging words and admonition of Calvin Case,<sup>3</sup> may best be used for the summation of this essay,—“The faculty of intuitive artistic discernment in diagnosis, while doubly valuable to the possessor, may be duplicated, to a very large extent, by observation, training, good judgment, experience and with careful and intelligent study of the conditions which arise in practice. Those who fail to appreciate, or are so constituted they cannot comprehend the importance of this particular branch of applied art in the diagnosis and treatment of dento-facial imperfections and deformities, will never know the satisfaction of true success which comes to him who reaches the higher planes of this specialty.”

#### CONCLUSION

In conclusion, let us remember that malocclusions cannot be understood and

corrected by looking at the teeth and the application of mechanical devices alone. Such conditions may be, and often are, the results of arrests or perversions in skeletal development, impaired function of the muscles, or systemic disturbances brought about by poor health. Treatment planning should be based upon a thorough analysis of all obtainable facts in the case. Finally, it is not the purpose of orthodontics to make all dentures conform to a mathematical standard of proportions, or to produce a set and limited design of relation for each individual tooth in the dental arch. Rather, the object is to help nature in the development of the structures of the jaws, so that the teeth and the surrounding structures, will be a harmonious unit best suited to the physiologic requirements of the body as a whole.

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# NEWS AND ANNOUNCEMENTS

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## UNIVERSITY OF ILLINOIS THIRD ANNUAL TELEPHONE PROGRAM

Thirty new dental societies already have indicated their desire to participate in the University of Illinois' third annual series titled "Current Advances in Dentistry," which will be transmitted by telephone on a national hookup in 1951-52.

New subjects and an entirely different faculty have been chosen for the five lectures which will be given monthly from November, 1951, through March, 1952. Subjects are "Dental Caries," "The Denture and the Temporomandibular Joint," "Normal and Abnormal Occlusion," "Advances in Dental Radiology," and "Oral Infections."

The programs will be reduced this year to an hour and a half. This time reduction, made at the suggestion of the participating dental societies, has been made possible without reducing the actual scientific discussion. Introductions of guest speakers will be shortened, and the 10-minute period of civil defense will be eliminated.

Two hundred and fifty-eight dental societies and dental study clubs participated in last year's program.

## DR. MASSLER TO PARTICIPATE IN DENTAL TEACHING MISSION

Dr. Maury Massler, professor of graduate pedodontia at the University of Illinois College of Dentistry, will participate in a dental teaching mission to Western Germany this summer under the auspices of the Unitarian Service Committee.

Dr. Massler will leave Chicago early in July. He will remain in Germany for two months, spending approximately one week at each of the large medical and dental centers.

His specific assignment as a member of a team of some eight American dental

authorities will be to acquaint German dentists with the many aspects of Public Health Dentistry and Preventive Dentistry. This will concern specifically caries control, prevention of periodontal disease, and prevention of malocclusion.

## HAIL TO THE CHAMPIONS

For the twenty-third consecutive year the graduates of St. Paul's Lutheran School of Melrose Park met the requirements of a caries free graduating class and have joined 1319 pupils who have graduated in that period to retain the title of world champions. Twenty-three years ago Dr. Paul Topel dreamed of an Eighth Grade graduating class free of caries and for twenty-three years has seen that dream become a reality. To Dr. Topel our grateful appreciation for an outstanding service to his fellow men. To the pupils, parents, teachers, school officials and dentists of the Melrose Park area a tremendous "pat on the back" for an outstanding job of cooperation which has made this extraordinary feat possible. St. Paul's School has been a shining example of what can be accomplished through cooperation and by it has inspired other schools to follow in its train so that each year new schools are added to the parade of caries free champions.

How much better a world this would be if we, like St. Paul's, would learn to work together. For this effective job of dental health education St. Paul's Evangelical Lutheran School was awarded a certificate of distinguished effort by the Illinois State Dental Society and the Illinois Department of Health. It was the writer's privilege to make this presentation in the absence of Dr. Edwin Baumann, our President, who could not attend, and he is deeply grateful for the privilege. To St. Paul's and other caries free champions our congratulations and best wishes. *Elmer Ebert.*

## **FLIGHT TO WASHINGTON, D. C.**

Attempts are being made for the Chicago Dental Society to secure passenger reservations on one of the leading commercial airlines for a mass flight to the A.D.A. meeting in October. The time, place, and date will be announced in a subsequent issue.

Members who are interested in such a flight are requested to convey their desires to Karl Richardson at the Chicago Dental Society.

## **EIGHTH ANNUAL SEMINAR TO BE HELD IN OCTOBER**

The Eighth Annual Seminar for the Study and Practice of Dental Medicine will be held this year from October 28 through November 1, at the Desert Inn, Palm Springs, California.

Detailed information may be obtained from Miss Marion G. Lewis, Executive Secretary, Room 200, Hooper Foundation, University of California Medical Center, San Francisco 27, California.

## **ZOLLER DENTAL CLINIC WEEKLY SEMINARS**

Throughout the academic year the Zoller Memorial Dental Clinic at the University of Chicago has been holding weekly Seminars on subjects of current interest. Recent topics discussed on Tuesday afternoons have been as follows: "Superficial Keratotic Lesions of the Oral Mucosa" by Stephen Rothman, M.D., "Fundamentals of Carcinogenesis" by Freidrich Wassermann, M.D., "Rheumatic Diseases" by Paul W. Goaz, "Survey of Radioactive Isotopes in Dental Research" by William Ward Wainwright, "Embryonic Hormones in Higher Vertebrates" by Lincoln V. Domm, Ph.D., "A Report on the Evanston Fluoride Study" by Iden N. Hill. On May 15, Roberto E. Rodriguez, Zoller intern from Panama,

discussed "Oral Manifestations of Blood Dyscrasia." Albert A. Dahlberg, Research Associate in the Department of Anthropology at the University, spoke on "Anthropology of Tooth Morphology" on May 22.

"Growth Developmental Patterns in Children as Reflected in the Development of the Dentition" was discussed on June 5 by Helmut P. G. Seckel, M.D. of Pediatrics.

During the last few months the Zoller staff has been taking both the standard and advanced course of instruction in First Aid under the tutorship of Miss Mildred Van Schoick of Billings Hospital and the American National Red Cross.

## **MEDICAL CARE PLANS GROW**

Nonprofit medical care plans are showing a remarkable growth throughout the nation. There are now 72 Blue Shield plans in 41 states. 113,000 out of the 150,000 active, practicing physicians are participating in their operation. Last year Blue Shield paid out \$150,000,000.00 for surgical and medical services rendered to member patients. Blue Shield is enrolling 28,000 members a day and now has a total membership of 17,000,000.

Blue Cross hospital plans also show a remarkable growth. They added some 2,000,000 new members in 1950, making their total enrollment over 40,000,000.

Add to these plans the voluntary health insurance coverage of the insurance companies, and it is safe to say that between 70,000,000 and 72,000,000 Americans now have protection on a voluntary basis.

## **NORTH SUBURBAN GOLF OUTING**

The North Suburban Branch will hold its Golf Outing at Barrington Hills Country Club on Wednesday, July 11. Plan to attend and enjoy a day of good fellowship.

*(Continued on page 23)*

# NEWS OF THE BRANCHES

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## WEST SUBURBAN

Today I can celebrate my first birthday as branch correspondent. It was with great apprehension that I took this work, apprehension because it was all new to me. I had never attempted anything of this nature before, but I was overjoyed at the confidence and help William Vopata and West Suburban gave me. I accomplished a number of things. I found a new joy in life. I set out not to miss an issue (I haven't yet) and I gave quantity because of the lack of quality. This year the orders from headquarters are; **DON'T SELL WEST SUBURBAN SHORT**. So, if I don't write about many things, please remember I am trying to **SELL—SELL—SELL—West Suburban**. . . . To one of the finest presidents Chicago Dental Society ever had, thanks for a fine job, Arno Brett. . . . To Jim Keith, who will be president-elect this year, thank goodness you're staying in the family. Your ability and fine qualities will be their gain. . . . I would like to wish Marvin Chapin good wishes and good luck as new editor of the **FORTNIGHTLY**. Marv is a wonderful Oral Surgeon and needs no introduction. We look forward to a big year with you, Marv, and hope we can be of some little help. . . . Edwin R. Black announces the opening of his dental office; Suite 314 at 715 West Lake Street. Ed is really getting around; he was recently installed in the Lions Club and also has made application for the Oak Park Club. . . . Donald N. Wilkin has joined the U. S. Army as 1st Lt., and is assigned to Dental Corps duties. Don just left for Fort Leonard Wood, Mo. Good luck, Don! . . . I am happy to report that Mrs. Werner Gressens is doing nicely after an operation at West Suburban Hospital. . . . It was quite a nice surprise to see Mrs. A. C. Kuncel present at the installation party of the Lions Club of Oak Park. Mrs. Kuncel has

not been too well for the past four years. At this party, E. G. Walters was installed as Financial Secretary, Jerry Greenwood as Greeter and Bob Atterbury and Al Kuncel as Song Leaders. Chairman and Master-of-Ceremonies of the party was Al Kuncel and, oh! boy! What a job he did. Al selected Elmhurst Country Club and among the honored guests were President Clarence A. and Mrs. Hanson and George R. and Mrs. Crane. . . . Congratulations, Bob Christopher, on your new and larger home. . . . It's not very often I can get a report about Merle Long. At the Joliet Dog Show Merle's dogs carried off blue ribbons for the best breed of Beagle Hounds and the 2nd best for gold female retriever. There were six hundred dogs entered in the show. . . . Art Skupa is fishing at Kenora, Ontario at this writing. . . . Wes Olsen brings back fond memories to me by camping with his two boys, Billy, 9, and George, 12, in the North Woods. What a nice treat, Wes. I can just see Billy's and George's face when they hook a nice big one. Keith and John, my two boys are 17 and 14, respectively. Sometimes ask me about taking them golfing last summer. Looking for my own ball is bad enough, but trying to keep up with three (with my mentality!) was some chore. . . . Ed Kritzke and family are planning a nice vacation from June 23 to July 15. They will motor to Yellowstone National Park, Glacier National, Salt Lake City, Denver, Colorado Springs, and Estes Park. After the fine job you've done, not only in the Round Table and the **FORTNIGHTLY**, but for all West Suburban, that's a well deserved vacation, Ed. . . . Joe Voita states that all men selected for committees for Chicago Dental Society have accepted with a marvelous good will and spirit. If you were left out, don't forget next year to fill out the form published in the **FORTNIGHTLY** as to what committee you desire to serve on. The offi-



cers of the Chicago Dental Society will do their best to place you in your desired position. Clarence A. Hanson has been lunching regularly with committee chairmen and ironing out rough spots. The committees will soon be published in the FORTNIGHTLY. . . . Clarence is quite a dynamo. I can tell you right now I won't get by with the sloppy work I did last year. I still have more news items, but I am cramped for space and then remember there is another issue coming up. Like one fellow at Round Table said, "Gee, you're windy." Guess it's the Norwegian in me or maybe because I don't get a chance to talk at home. . . . Arkansas, Jerry Greenwood, with Mrs. Greenwood, motored to Michigan State University and brought Lois, a lovely senior now, home for the summer. On the same jaunt, they dropped Bob, their son, off at Camp Selfridge. Bob is in the Air Corps. . . . Any way, *more important than seeing through things is seeing things through.* Thanks for helping me the past year. Any news, 'phone ME. 7-6292—*Olaf S. Opdahl, Branch Correspondent.*

#### ENGLEWOOD

Saturday — Harbert, Michigan—Received a call this morning from Louie Sasso wanting to know who wrote the last column and what was the joke or something. I didn't know what he was talking about and probably would have professed complete ignorance anyhow. Guess Jack Woodlock called Mrs. Sasso and congratulated her upon the new addition to their family and she in turn called her husband and stated that she would like to know about such goings on, which, of course, led to my above mentioned 'phone conversation. Well, the explanation is quite simple—we have two Englewood members with similar names, one Louie Sasso and one Louie Sousa. To complicate matters further your correspondent usually turns in his copy in long hand and any of you who took notes in Dean Logan's class know what happens to one's penmanship. So—the congratulations are

for Louie Sousa—a proud papa; and as for Louie Sasso, we had nothing to do with it, believe me! . . . Englewood will have a new member this fall, Marvin Waller, formerly of the Northwest Side Branch, has recently moved to the south side, 8027 S. Vernon Avenue, to be exact. His practice is in the loop. . . . The only other point of significance to report from the south side is that Joe Propati has lost 30 pounds of excess midsection by going on a beer free-foodless diet. This is truly a display of will power. I'm not kidding, try it and see. . . . Well, this is the last copy from your reporter in the capacity of Branch Correspondent, but you will hear from me once in a while. Meantime, send your news items to Paul Kanchier, 9300 Cottage Grove Avenue. . . . Many thanks to Miss Harvey of the parent society for all the correct English she wrote for me.—*Lawrence E. Lucas, Branch Correspondent.*

#### NORTHWEST SIDE

Having been properly notified by our new president, Joe Ulis, and having been warned and admonished by our past-correspondent, I take pen in hand and start a year of scratching. . . . I hope Ben is wrong about fighting to get news. . . . So—I give you my phone number, SPaulding 2-5029. . . . Thank you, Ben, for handling the last issue for me—it was a great help. . . . As I read the branch news, I find golf the banner news item at the present time. . . . Columns are composed mainly of seasonal issues—winter, the boys go to Florida; spring, they get new cars or get married; summer, they vacation in the North Woods; fall, get their children off to college or do some late fishing. . . . But what this column is most interested in is—who does these things! We who are stuck in the office like to know about the other fellow's good fortune—maybe we can plug hard enough to have it happen to us some day. So, no matter how trivial it seems to you, let us have the information. . . . Larry Peacock was seen swishing down North

Ave. in his spanking new yellow convertible Oldsmobile. Larry looked at ease behind the wheel. . . . Major Lucien L. Kochanski has been visiting in Chicago and Peoria. He is stationed at Travis Air Force Base, Fairfield, California, as assistant to the Base Dental Surgeon. . . . Glenn Cartwright is traveling west June 21 to visit Xi Psi Phi Chapters in Seattle, Portland and other western schools. His trip will be of two weeks' duration. . . . Henry Gewartowski did it, Saturday noon, June 9, at St. Luke's Church in River Forest. Is now honeymooning at Lake Louise and Banff. Congratulations! . . . Joe Ulis and Cas Rogalski had graduation celebrations at their homes for Barbara Jean and Carol. Cas Rogalski's son came home from Mundelein College for a vacation and to help Carol celebrate. . . . Joe Smialek is enjoying the Wisconsin fishing grounds. . . . Bad breaks come in streaks—F. K. Liermann has had too long a streak. The last news from Germany brought sorrow to his family—let's hope the new office at 2705 West North Ave. changes things. . . . I hope you attended the two golf outings run by members of your branch and won prizes at both—and to you early vacationers we wish for you the best in weather.—*Folmer Nymark, Branch Correspondent.*

#### NORTH SUBURBAN

The hottest news, red, that is, from this branch concerns Corvin Stine who has realized that nature isn't always right and has answered the problem in a manner other than Tintair: No hair. John McGuire Sr.'s comment on the tonsorial triumph was,—"Bald-headed men shouldn't have crew-cuts." In spite of his now extremely youthful appearance Pinky has been appointed to the Executive Council of the Illinois State Dental Society. . . . It is rumored the golfers who annually go down to play at the time of the State dental meeting actually registered in 1951. . . . Sid Freud's son William has completed his internship at

Michael Reese and is back at NU Medical School for a Ph.D in physiology. . . . Hal Chason, off again, has been trout fishing and bathing in the Finnish way near Phelps, Wisconsin. . . . Zeke Smothers submitted to the same branch-beating, hot-box treatment a week or two later at the same spa. . . . Gene Stearns has also been up north fishing this spring. . . . Godfrey Schroeder again jumped the North Shore League and has been to Mexico. It is said he is now a property owner in that country. . . . President Kibler is already working overtime in our behalf and has set forth plans. Number one: North Suburban Golf Day, Wednesday, July 11, Barrington Hills Country Club, Luncheon and Dinner. Number Two: Future meetings to be conducted in the Georgian Hotel, Evanston. . . . Al Parcell returned to his home town Springfield, Illinois, over Memorial Day. He expects, and his wife is cooperating, a second boy in mid-August. . . . Sailor Charlie Shaner plans to spend the summer in San Diego as a guest of the US Navy which has put him up the past few months at their large mid-western resort, Great Lakes. . . . A fellow officer at the Lakes these days has been Hugo Brown Otopalik, commuting from Evanston who is practicing prosthetics under excellent clinical conditions and with great enthusiasm. He has been fortunate, he states, to have become associated with men who have taught him a great deal of sound dentistry. . . . The assistant of one of our busy Arlington Heights members explains the confused state of affairs in this way: The Queen Bee is a busy soul, she has no time for birth control, and that is why in times like these, we see so many sons of Bees. . . . Forget your worries for twelve hours by making up a foursome for July 11th, Barrington Hills Country Club. . . . *Douglas W. Cook, Branch Correspondent.*

#### WEST SIDE

Our branch is especially proud of

Marvin Chapin's recent appointment to the new editorship of the FORTNIGHTLY REVIEW. Marvin has always been an ardent and enthusiastic worker for the West Side Branch. Our sincere congratulations. We know you'll do a fine job. . . . C. P. Bellan recently returned from a successful fishing trip to Kentucky Lake. Herman Nedved, who is taking week-end vacations from June through August, would like actual proof of the "fishing success." . . . I. C. Miller had a true fishing experience in Wisconsin. His minnow bait was swallowed by a bass, which in turn was swallowed by a northern pike. Some fish story! Don't forget dinner tickets are available for \$14.00. Call I. C. Miller at Seeley 3-7447. . . . Earl Boulger is getting ready for his annual summer trip to Canada. Also heading in the Canadian direction is Al Sells, who plans to go fishing on the 4th of July. . . . Mike DeRose has returned from his Mediterranean cruise, looking well, according to prexy Bob Tuck who has been extremely helpful in obtaining news items for this column. Glad to hear your hand is healing, Bob. . . . University of Illinois Alumni had their annual outing at White Pines Golf Club on June 13th. West Side was represented by Al Sells, Jack Erlich, Elsie Gerlach, the Herzon boys and Irwin Robinson. Dinner was served for the 62 graduates. Bob Kesel, a member of the honor class of 1926, was also present at this festive occasion. . . . Sorry to learn that Harold Epstein has been evicted. Hope some of the leads he has materialize. . . . George Vogt bought a new home. Congratulations! Our most sincere sympathies to our mutual friend, Sidney S. Wise, M.D. on the recent loss of his beloved wife, Gertrude. . . . Stan Sherman's father is convalescing. He should be out of the hospital by now. . . . Art Tessler is vacationing the week of the 4th—at home. . . . Chick Vission spent a week at Cass Lake, Minnesota. . . . Bob Bailey enjoyed his Memorial Day excursion to Baton Rouge, Louisiana. . . . Don't forget, any news items about yourself or fellow members are most welcome. Please

call me at Nevada 8-0098.—*Carl Weiss, Branch Correspondent.*

#### NORTH SIDE

Have just finished dusting off the old typewriter once again only to find out that the Sox are still on top by four and one half games and that the Cubs are on the way down. . . . Rumors tell me that Leroy Levey's dog has just run away with some honors. In fact the honors must be pretty good because Leroy turned down \$3000 for him and is holding out for \$5000 instead. Wow!!!! That must be some poodle. . . . The Carl Gielers threw open their house to the Sanders Dental Research Study Club and really put on the feedbag, the thirst quenchers, and the hulas in grand array. Among the Northsiders present were Ned Kirby, John Anderson, and yours truly. Of course there were many dental notables in the crowd too as the party started at the Gielers after the group had spent the afternoon at the clinic and home of the Charlie Camerons. Oh yes, we musn't forget that the ladies were present too. . . . What's in a name? I'm told that the name sake of the Cooley Study Club has named his ranch in Texas the El Rancho Dontia. How's that for a moniker? ? ? ?

**GRADUATION TIME IS HERE ONCE AGAIN**—George Olfson's son, George, Junior, has just received his liberal arts degree from Northwestern. Clarence Peterson's son, Pat, has just received his DDS degree from Northwestern and will soon be taking the state board and will then associate with his father and his brother Bob. Have just been wondering how many combinations like that exist in dental circles in our country today—a father and two sons practicing in one office? Walter Nock's son has just graduated from high school. . . . Strangers seen on Clark Street lately —Bill Osmanski looking for Marshall Nilsson. . . . Dwight Barcroft must really have some Swede blood in him. A trip to the Villa Sweden about three or four times a week will find him eating there



with Earl Grahn. . . . Our President, Manley Elliot, and Ed Benson were making their presence known at the Northwestern Centennial dental get-together. . . . Warren Schram, Otto Silberhorn and Paul Salisbury were also there doing their bit to help make it a success. . . . It has been noticed that Fred Hill is actively associating himself as an instructor of dental assistants in some Chicago school. How's about coming around and telling us all about it, Fred, so that we too can learn some of the necessary details? . . . Nice to see that Milburn Johnson is back on his feet again after a siege of sickness. . . . Understand too that Roland Urelus goes for the food at the Svithiod Singing Club quite a bit. In fact, he liked it so much that he asked his host to take him there again. Really nice that he did too 'cause that means that yours truly and his assistant were also reinvited on the house. not bad, not bad. . . . Say, fellows, don't tell anybody but the stork told me that he's going to drop in at the Orsingers. . . . Then too the price of garlic is going down but please don't breathe it to a soul. . . . When signing the guest register at Charlie Cameron's office I noticed that our good member J. Robert Schumaker was there just the day before I was. Sorry I missed you by a day, J. R. . . . That's it for now but don't forget that phone number RA 8-2100. Trudy Johnson will take the gossip and we'll do our best with it. We need some calls as we haven't had one yet. . . . Say—Where's That North Side Cooperation? C'mon, Let's Go. . . . *Herb Gustavson, Branch Correspondent.*

#### KENWOOD-HYDE PARK

Hello, everybody. This is your friend Larry Johnson again reporting. It has been a number of years since yours truly has been required to set down the facts concerning our Kenwood members and their friends. . . . First on the agenda is orchids and more of everything for Rudy

Grieff and his Golf Committee. It was the finest that Kenwood-Hyde Park ever had. Fifty-nine played golf and we had sixty-nine in attendance for dinner. The day was perfect except for a brief shower but the 19th hole had plenty of Gin Rummy players. Would like to thank the following for coming, and we were glad to have them: From the laboratories were Dick Ehrhardt from the Ehrhardt Laboratory, Bud Adams from the Kennedy Laboratory, Joe Price from the Price Laboratory, Bill Vondran, from the W. T. Vondran Co. and Mike Naughton and Al Maher from the Naughton Laboratory, Grimes and Mauter from the South Shore Lab. Our visitors from Englewood, whom we are always glad to have in our company, were Red McMahon, Cavanaugh, Finley and Bill McClure and one of our old Kenwood members who transferred to Englewood, Rolander. Thanks for coming and helping us to make our day a huge success. Our member, Henry Urban, had the low gross of 71, with our Society Pro Louie Christopher 74. Bud Adams played his usual fine game. Wayne Fisher just had a fine trip to New Orleans and Biloxi and both Dr. and Mrs. visited their son now in Keesler Field in Biloxi. Your scribe also just completed a trip to Natchez, New Orleans, Houston, San Antonio, and Fort Hood where I visited my brother and Ken Johnson, who is being able to practice his specialty of oral surgery for the army. He is both busy and hot. Camp Hood is certainly some installation. However, I find that our friend Major Bill Rowan is Head of the Dental Department of the 2nd Division at Fort Hood. . . . Last weekend Ralph Libberton and I attended the wedding of Dr. Clarence Bollinger's daughter in Peoria. It was a very lovely affair. Dr. Bollinger is one of our most active members in State Society dental affairs. . . . Ben Herzberg was in Iowa City giving a class at the University of Iowa. . . . E. Byron Kelly is still traveling—first he was in Wyoming looking over his oil well business and at the pres-

*(Continued on page 26)*

## NEWS AND ANNOUNCEMENTS

(Continued from page 17)

### COUNCIL ON RHEUMATIC FEVER MAKES STATEMENT

Patients with rheumatic or congenital heart disease should be given penicillin prophylaxis before dental extractions or removal of tonsils or adenoids to prevent possible development of subacute bacterial endocarditis, according to a report by the American Council on Rheumatic Fever of the American Heart Association, released by the Chicago Heart Association.

Bacteria are frequently present in the blood stream for a short time following dental extraction or after the removal of tonsils and adenoids, says the recommendation of the Heart Association, and in such patients these bacteria may lodge in the heart and cause bacterial endocarditis. The majority of cases are due to Alpha Streptococci (*streptococcus viridans*), although a variety of bacteria cause this disease.

Operative procedures in rheumatic individuals should be deferred until clinical evidence and laboratory tests indicate the rheumatic process is subsiding. Also, patients should be free from acute upper respiratory infection.

Penicillin prophylaxis is recommended by the Heart Association for (1) extractions of all deciduous molars, (2) extractions of all permanent teeth, (3)

tonsillectomy and adenoidectomy, (4) extractions of deciduous incisors when infection of the gum is present. The statement further points out that one tooth should be extracted at a single operation, and that cases of extensive gum infection or severe root infection require extra caution and care.

### MEDICAL STUDENT SURVEY

The January issue of the *Illinois Medical Journal* published the results of a survey of the current freshmen students at the University of Illinois College of Medicine which tended to show that most students beginning medicine are moved by human welfare needs and not by greed and selfishness, as is sometimes reported in the lay press.

The study, covering 166 students accepted out of 544 applicants, was undertaken by Dr. Carroll L. Birch, professor of medicine at the University. He found that 53 of the 166 specifically listed altruistic, humanitarian motives for entering medicine. Interest in science inspired 42 of the applicants and admiration of the family physician moved 28 more. Ten were motivated by religion, 6 recorded scientific curiosity and only 12 listed a desire to make money.

(These figures do not check with the total students, for some mentioned more than one motive.)

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The following applications have been received by the Ethics Committee: Any member having information relative to any of the applicants, which would affect their membership, should communicate in writing with Irvin G. Oaf, 842 W. 79th St. Anonymous communications or telephone calls will receive no consideration.

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## NEWS OF THE BRANCHES

(Continued from page 22)

ent writing is in Washington, D. C. giving a clinic on Cold Pack Materials. It's great that it is a clinic and not about his oil. . . . Our new member, Howard Harvey, is the proud father of a 9 lb 8 ounce boy. Congratulations to Mrs. Harvey. Father only suffered, to hear him tell it. . . . Budill and Cotter, our Exodontists of repute, are taking a course in Cincinnati. . . . We of Kenwood are extremely proud that two of our members made the essay pages in our FORTNIGHTLY REVIEW. Ben Herzberg and Jesse Carlton had extremely interesting and informative articles. . . . If any of our members are on vacation kindly send Howard Strange or me a card so we may also enjoy your trip. Give us a chance to write it up as everyone in Kenwood is interested in everyone else. Would like to hear from our friends in Syracuse, N. Y., McCormack and Moe Wasserman. . . . Make your reservations now for the A.D.A. meeting in Washington, D.C. for October. It's really lovely there then, I know because I've been there.—Lawrence H. Johnson, Asst. Branch Correspondent.

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## PRESIDENT'S ADDRESS

(Continued from page 7)

we need those who work for the poor. Just as our Midwinter Meeting has adopted for its slogan "WHAT'S NEW IN '52?", I would adopt for myself the keynote phrase, ONE FOR ALL AND ALL FOR ONE. Now in closing, I know that you are anxious to learn what to look for in the coming year from this farmer dentist from Arlington Heights.

A good many years ago I took a \$500 exemption on my income tax for my new bride. There was a blank space just below it that read "Other Dependents" and, just as this coming year is a blank space and I wanted to fill all spaces, I wrote "Watch this space."

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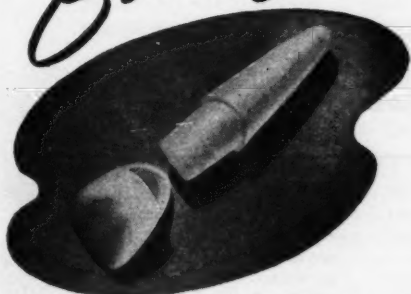
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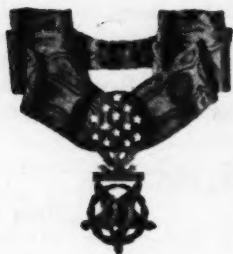
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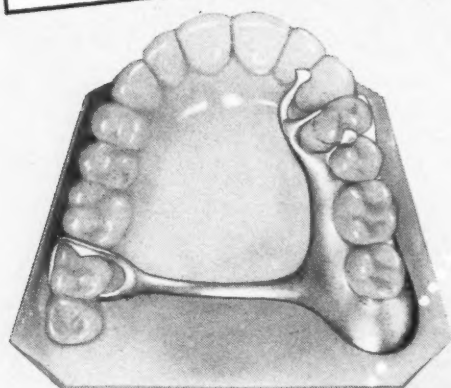
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